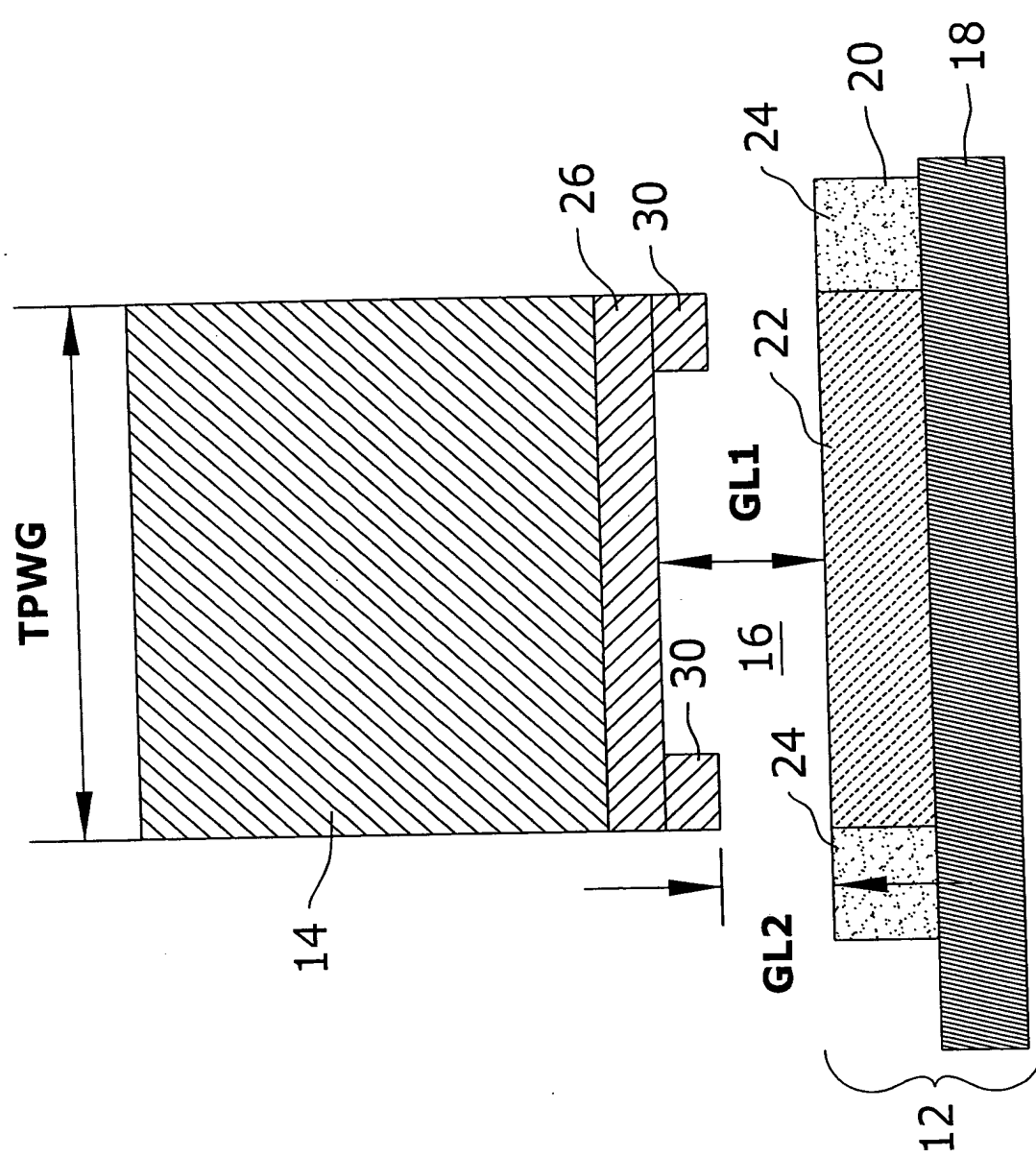


10



**Magnetic or Nonmagnetic Region**



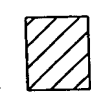
**Top Pole**



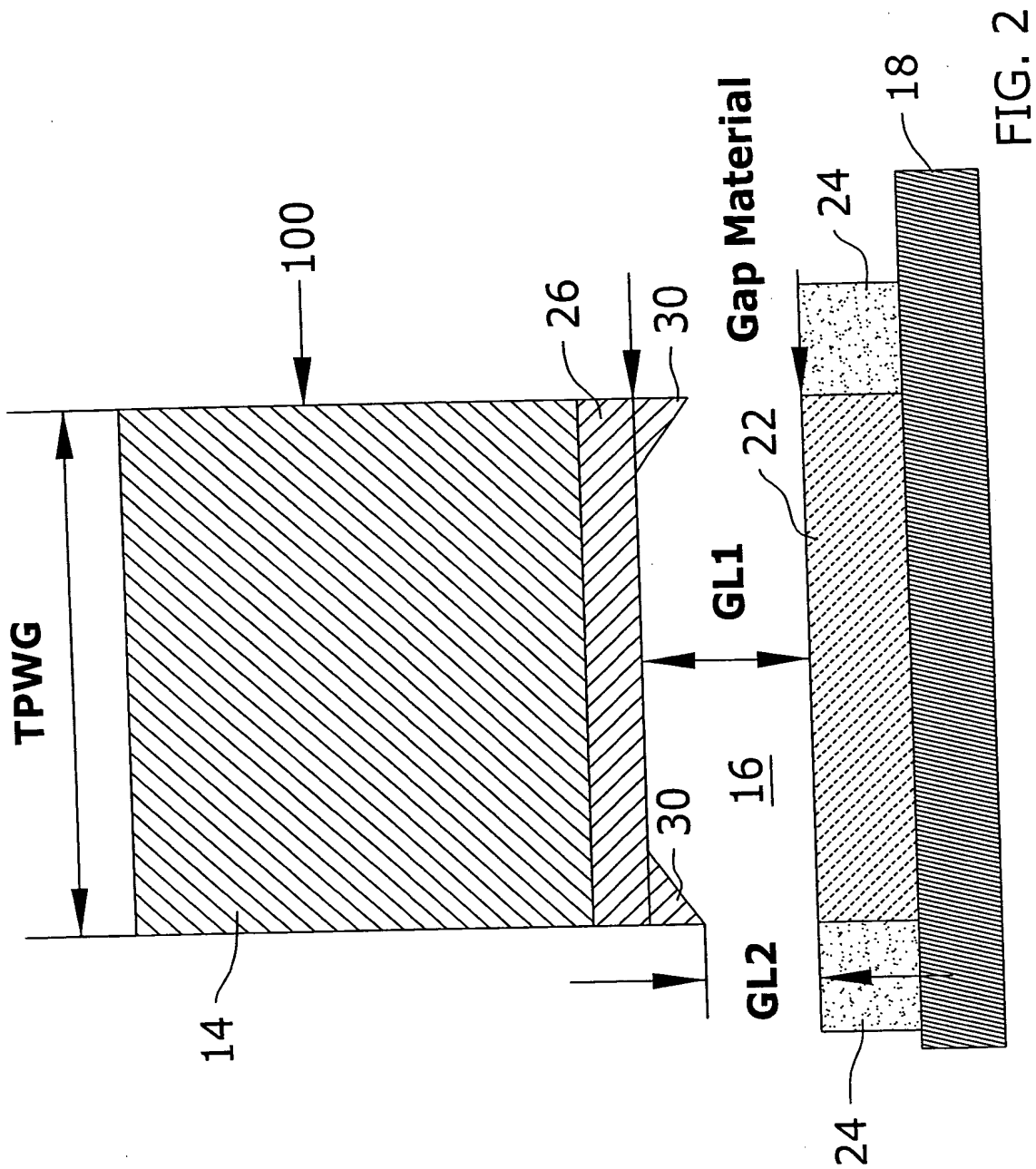
**Shared Pole**

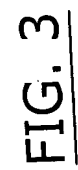


**Seed Layer**

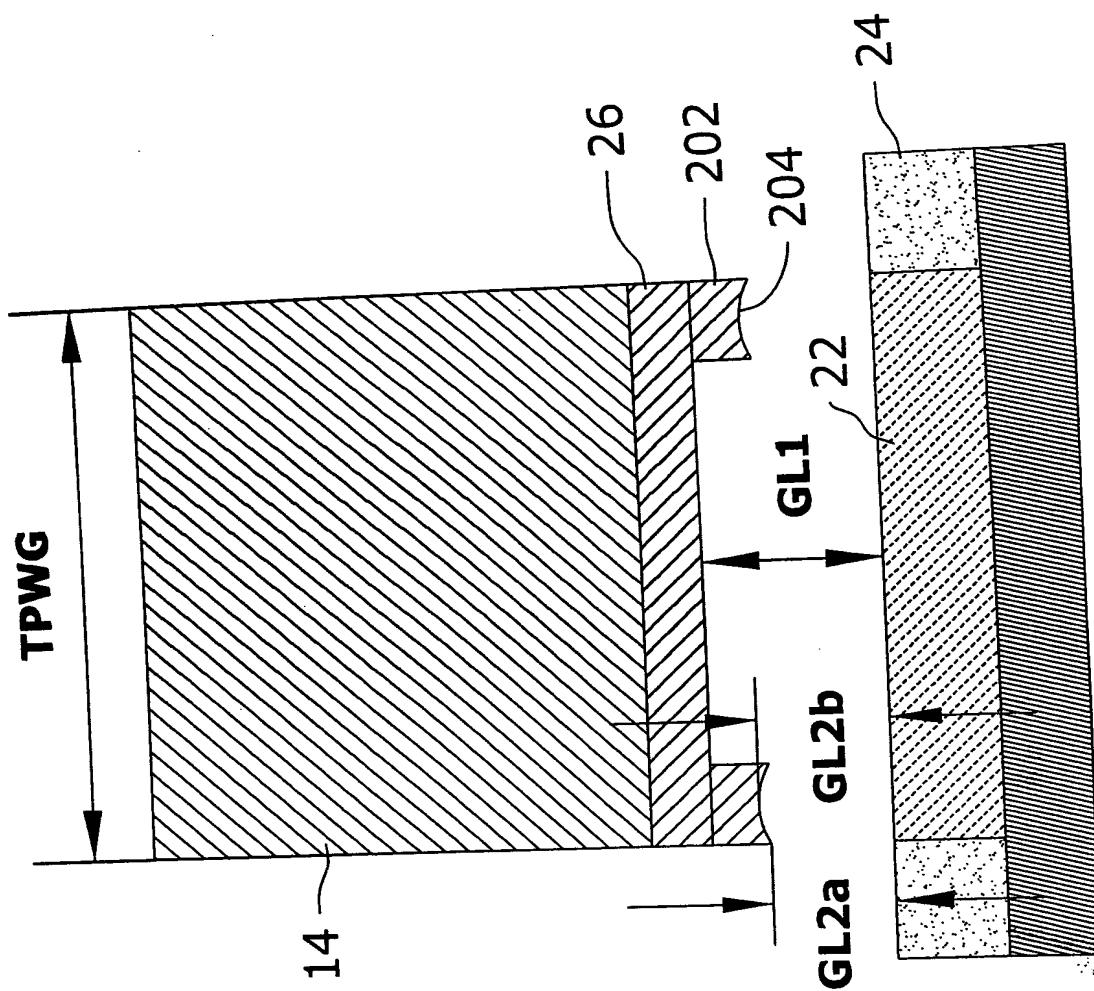


**FIG. 1**





**FIG. 3**



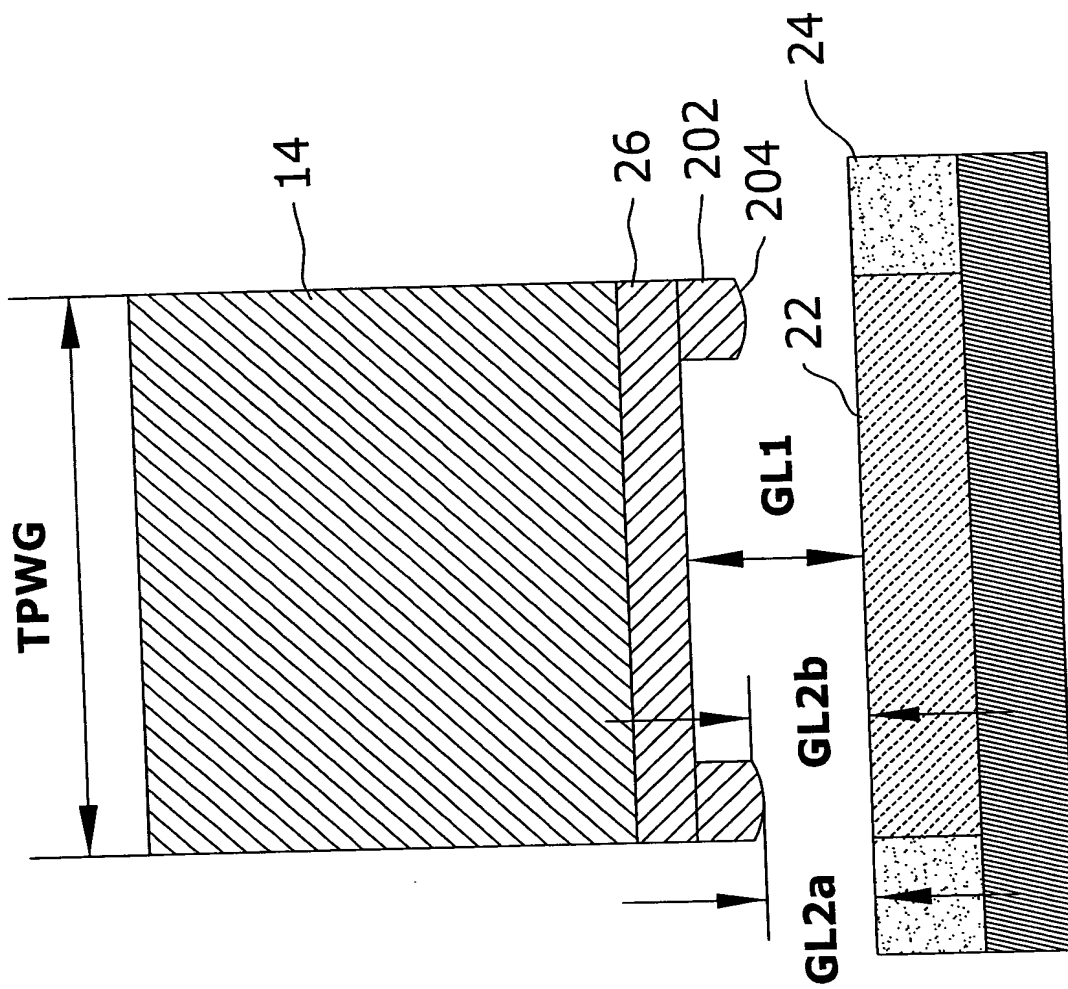


FIG. 5

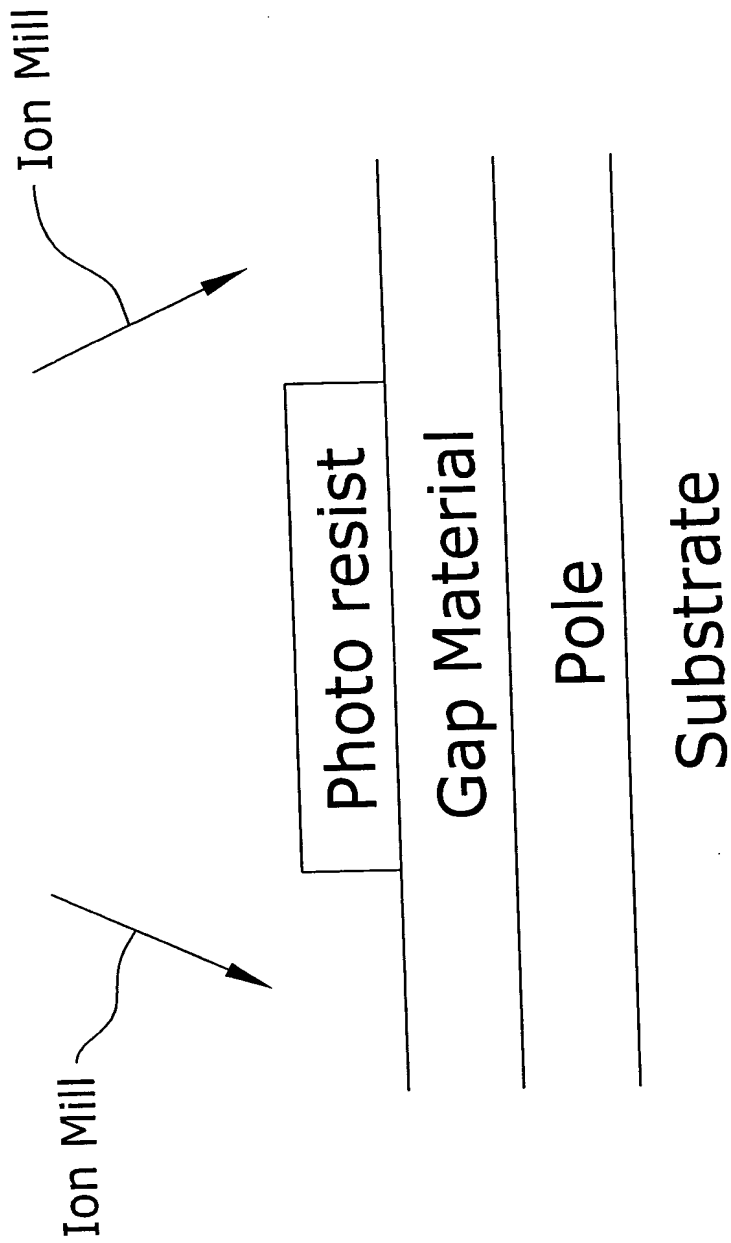


FIG. 6

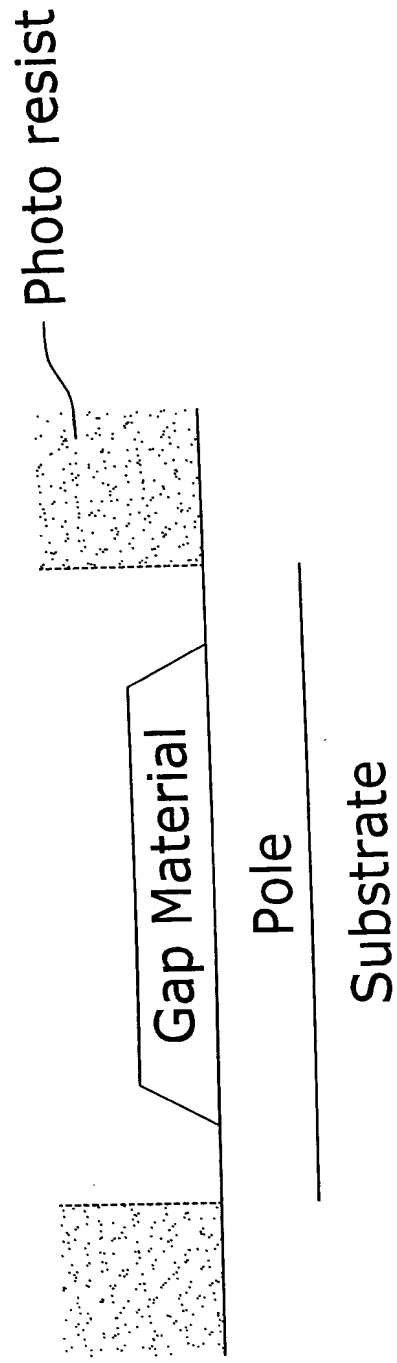


FIG. 7

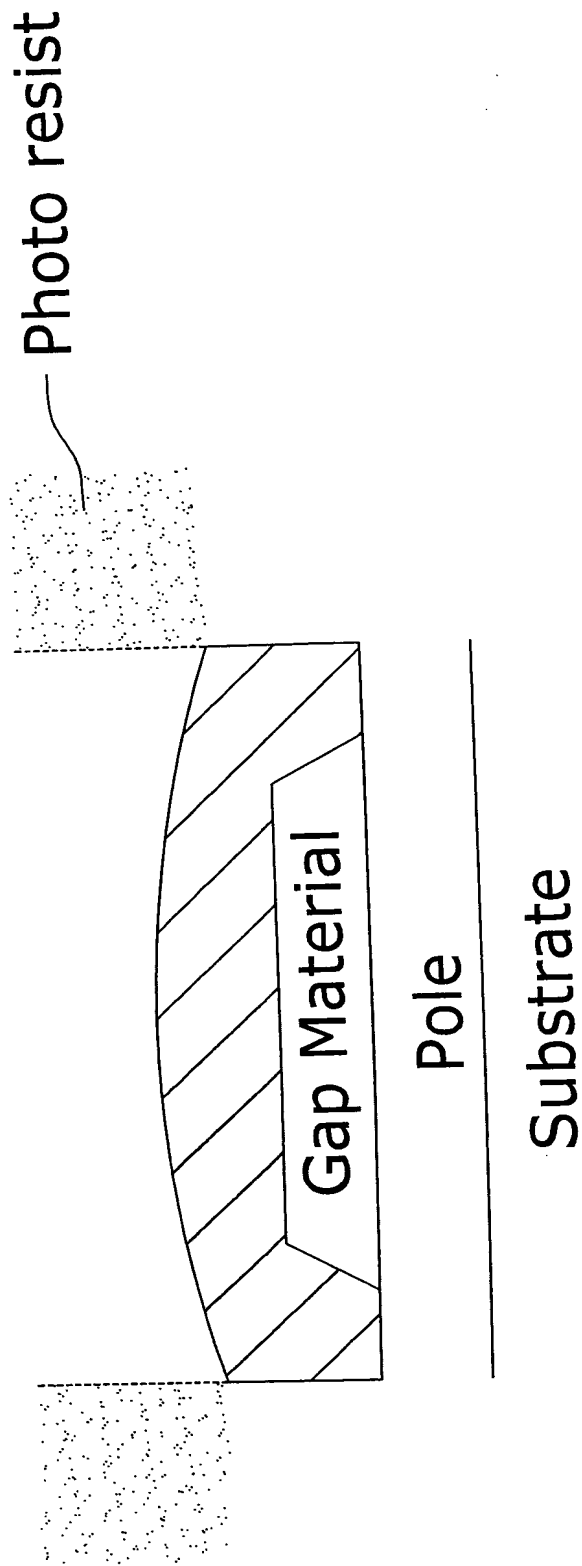


FIG. 8



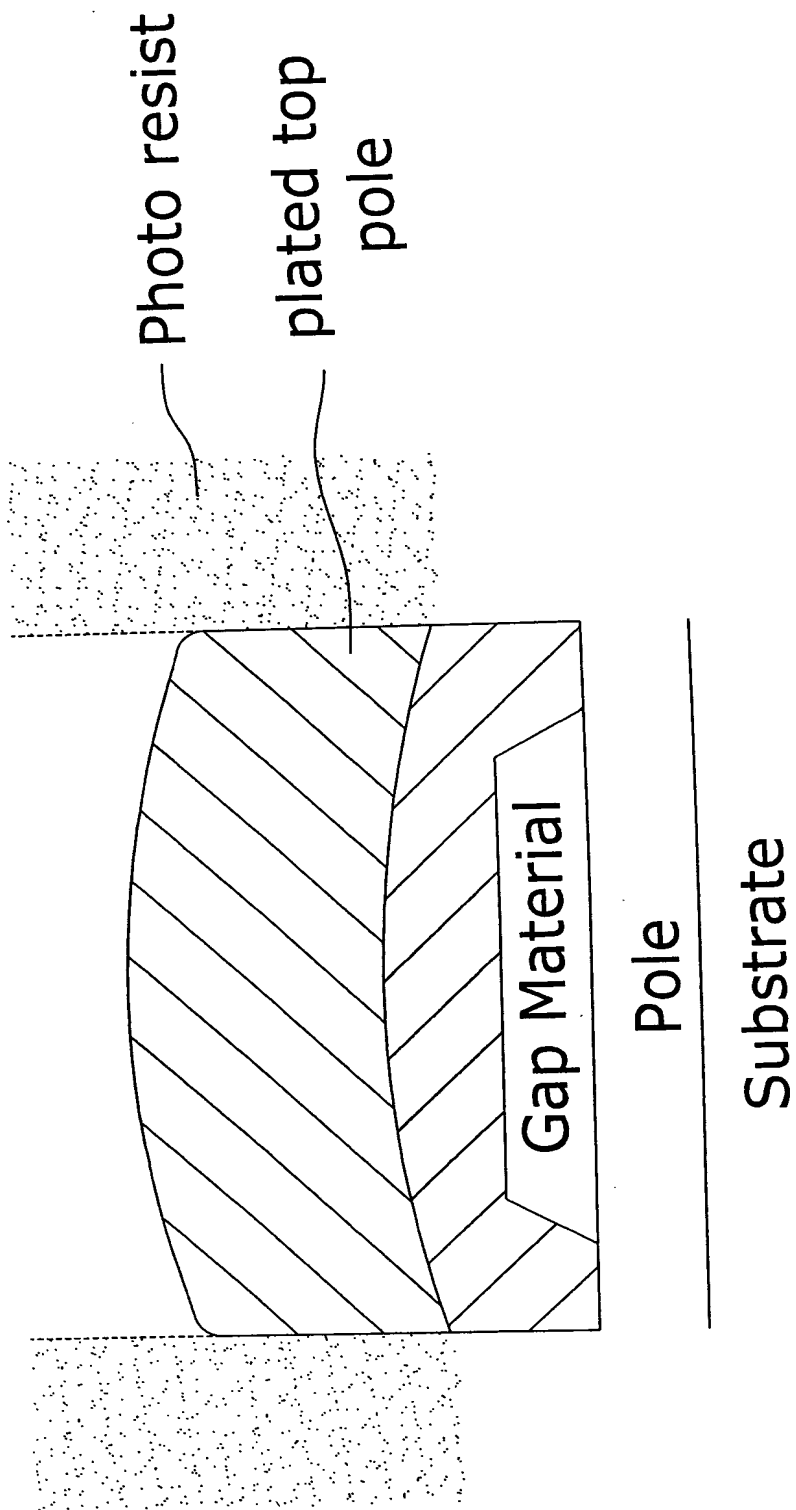


FIG. 9

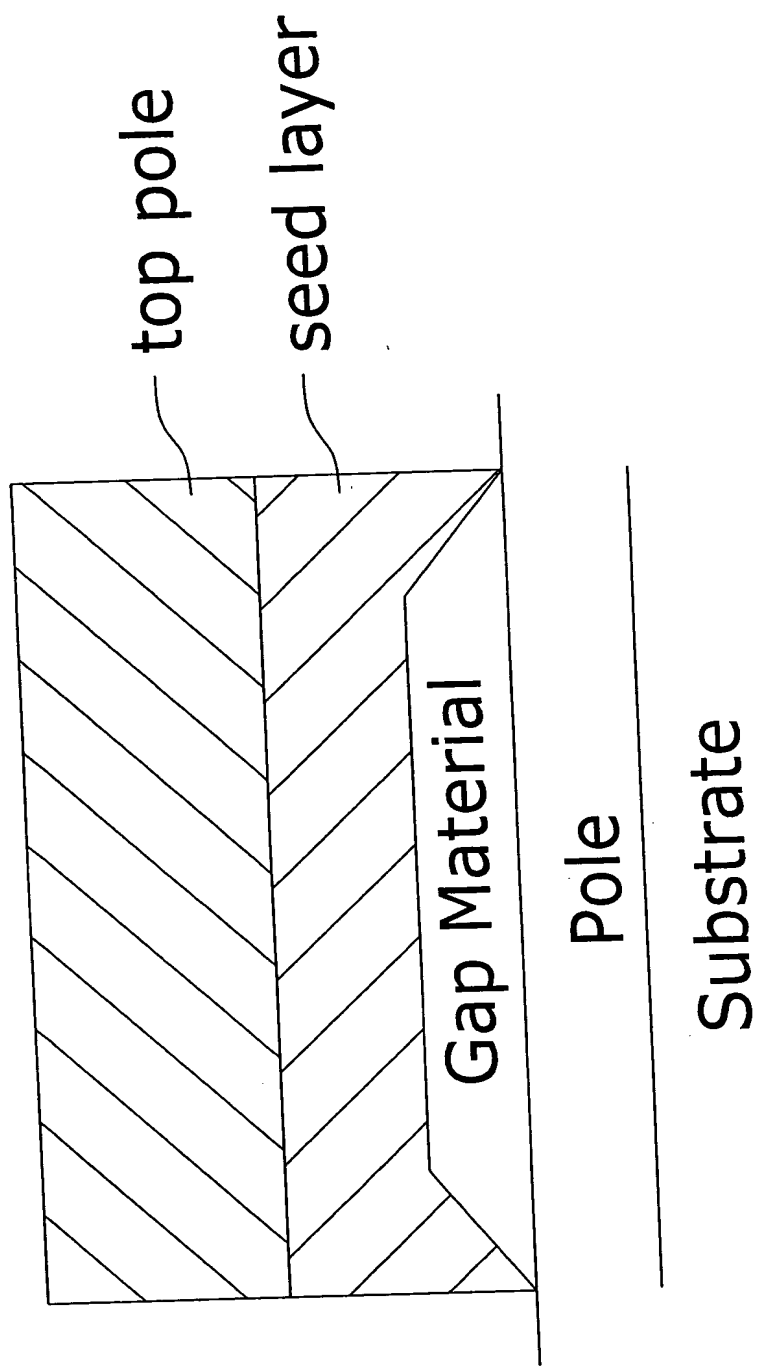


FIG. 10